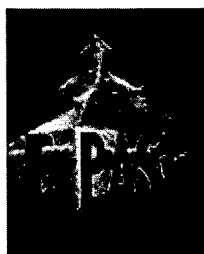


EXHIBIT I

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Compute pI/Mw tool

Compute pI/Mw is a tool which allows the computation of the theoretical pI (isoelectric point) and Mw (molecular weight) for a list of [Swiss-Prot](#) and/or [TrEMBL](#) entries or for a user entered sequence [\[reference\]](#).

[Documentation](#) is available.

Compute pI/Mw for Swiss-Prot/TrEMBL entries or a user-entered sequence

Please enter one or more Swiss-Prot protein identifiers (ID) (e.g. *ALBU_HUMAN*) or Swiss-Prot/TrEMBL accession numbers (AC) (e.g. *P04406*), separated by spaces, tabs or newlines. Alternatively, enter a protein sequence in single letter code. The theoretical *pI* and *Mw* (molecular weight) will then be computed.

```
MAQTTLKPIVLSILLINTPLLAQAHETEQSVGLETVTTVVG
KSRPRATSGLLHTSTASDKI
ISGDTLRQKAVNLGDALDGVPGIHASQYGGGASAPVIRGQ
TGRRIKVLNHHGETGDMADF
SPDHAIMVDTALSQQVEILRGPVTLlySSGNVAGLVDVAD
GKIPEKMPENGVSSELGLRL
SSGNLEKLTSGGINIGLGKNFVLHTEGLYRKSGDYAVPRY
RNLKRLPDSPRRFANGQHRA
VLGWRKRFYRRTYSDDRDQYGLPAHSHEYDDCHADI IWQK
SLINKRYLQLYPHLLTEEDV
```

Or upload a file from your computer, containing one Swiss-Prot/TrEMBL ID/AC per line:

Last modified 27/Jan/2003 by ELG

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Theoretical pI/Mw for the protein sequence

MAQTTLKPIV ... SFTGGVNVKF :

Theoretical pI/Mw: 9.16 / 85575.70

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